

FIG. 1

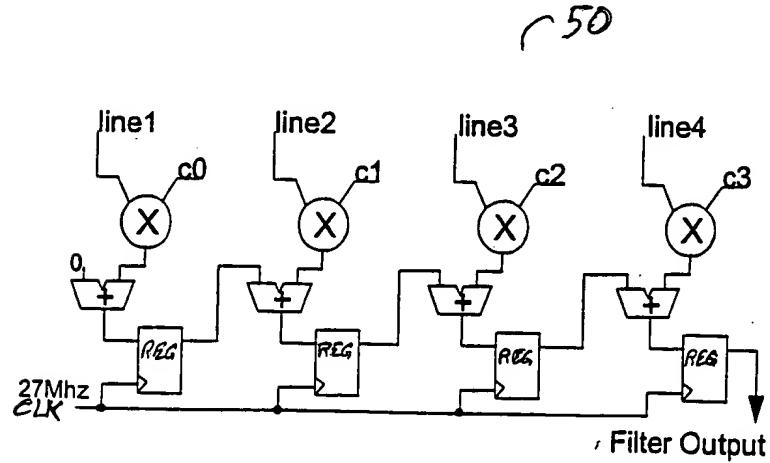


FIG. 2

8 Luma Pixels processed in parallel.  
4 Cycles to complete a 4-tap operation.

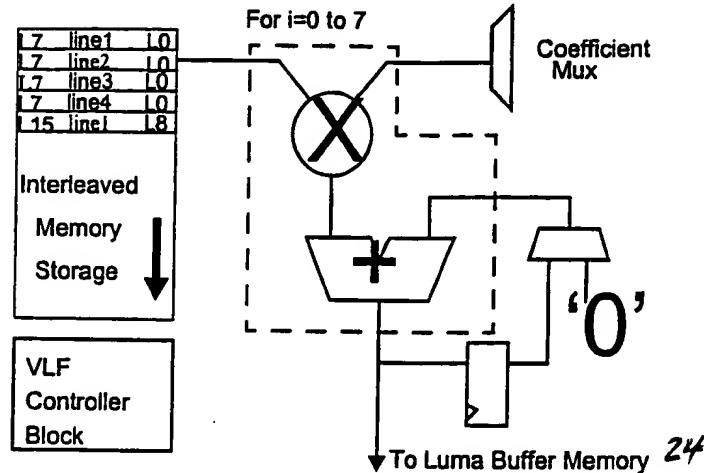


FIG. 3

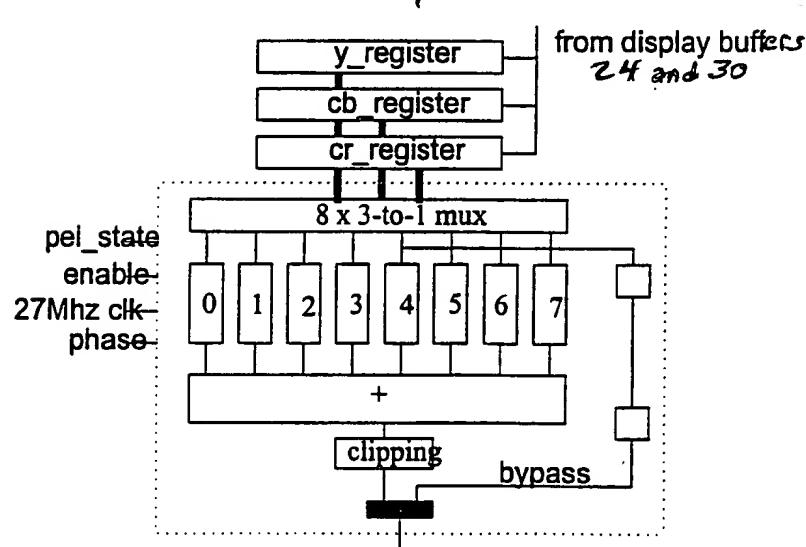


FIG. 4

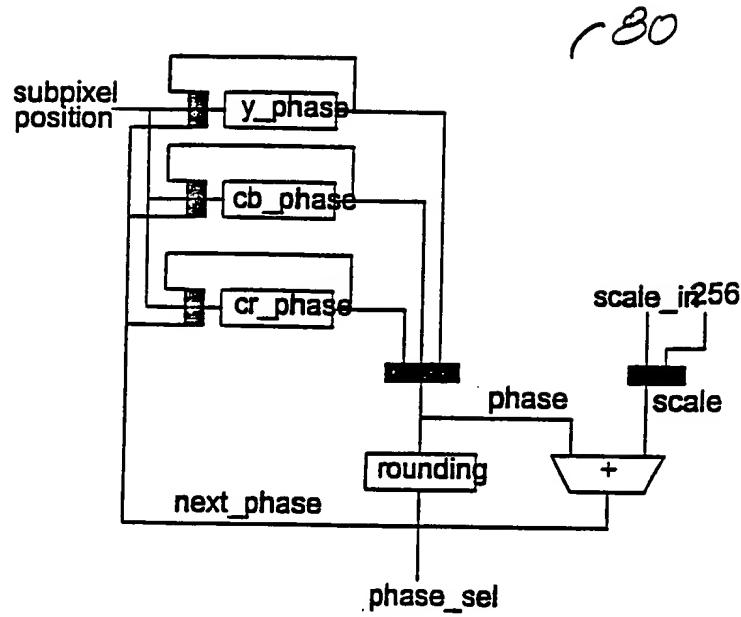


FIG. 5

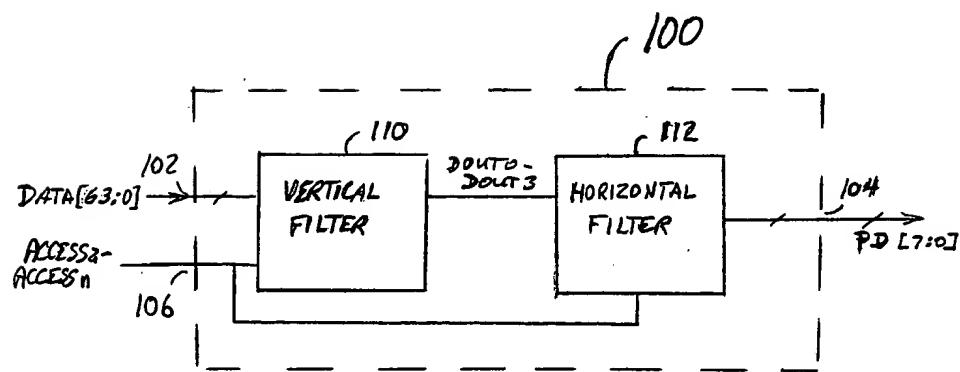


FIG. 6

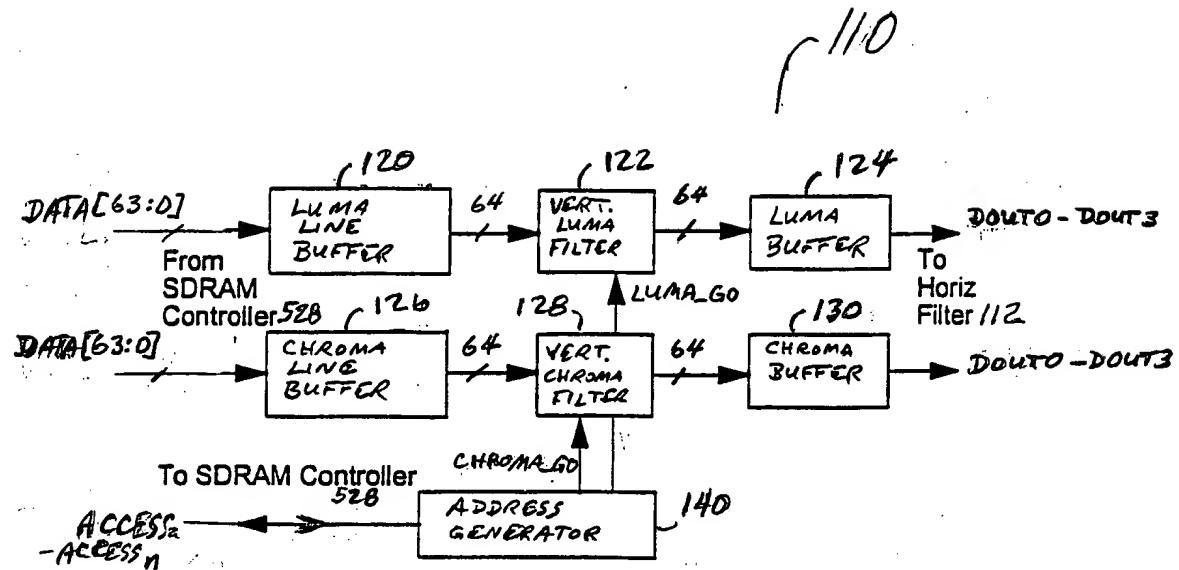


FIG. 7

093501 - 051401

122

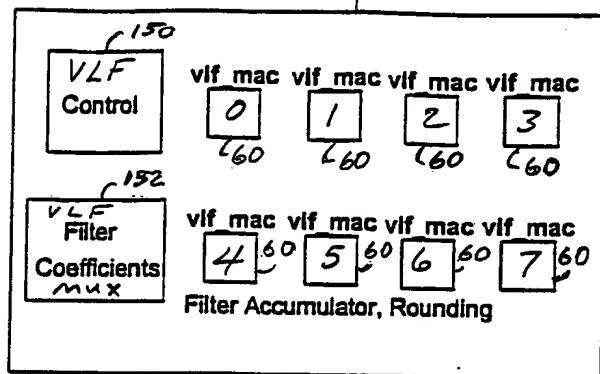


FIG. 8

160

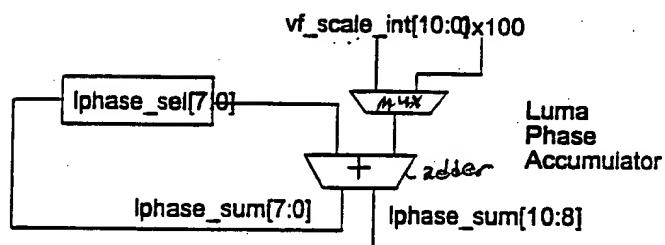


FIG. 9a

170

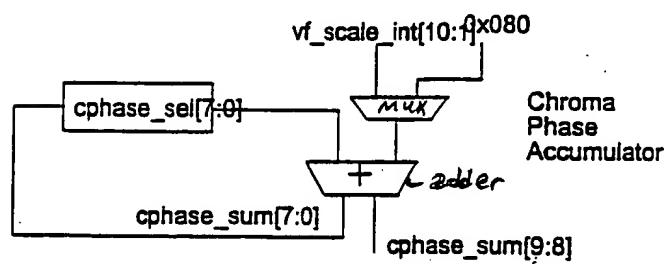


FIG. 9b

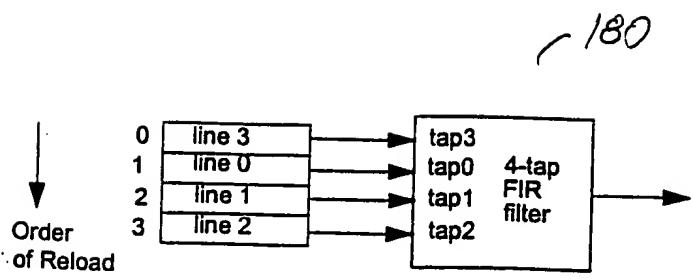


FIG. 10

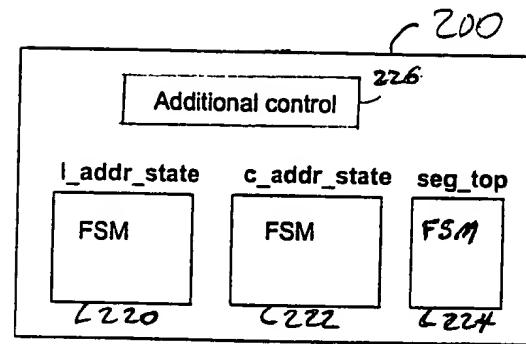


FIG. 11

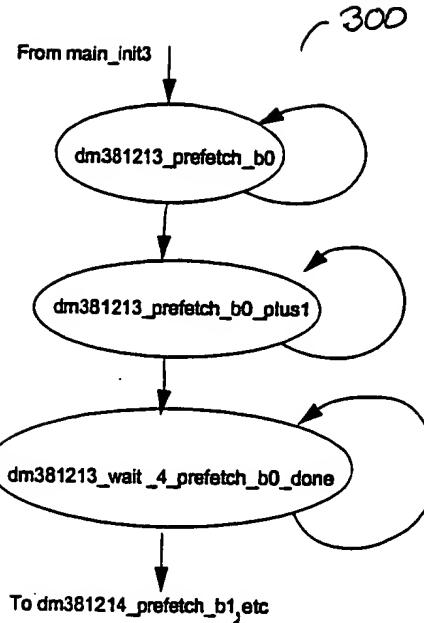


FIG. 12

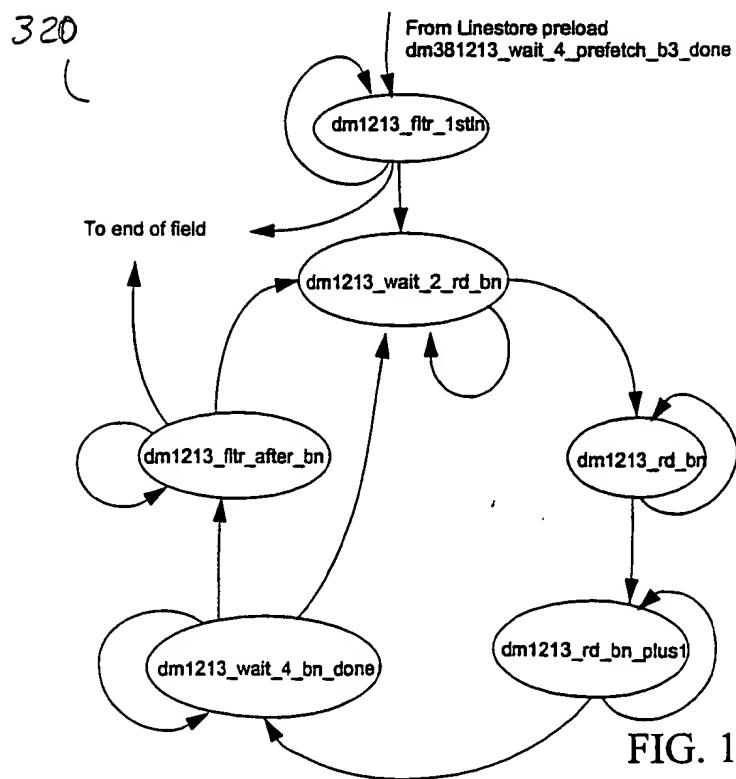


FIG. 13

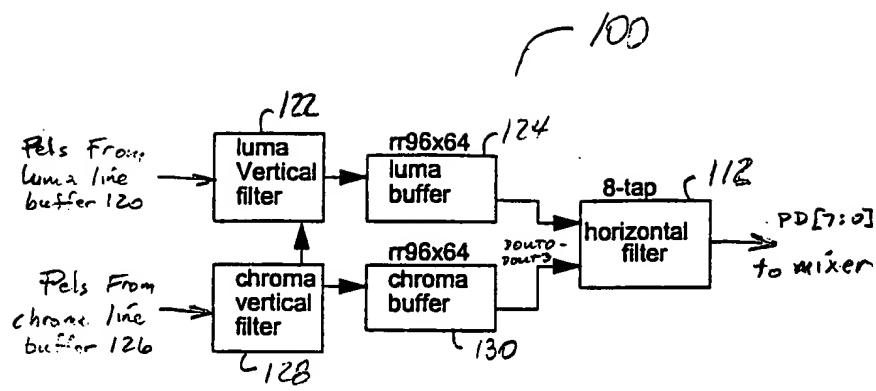


FIG. 14

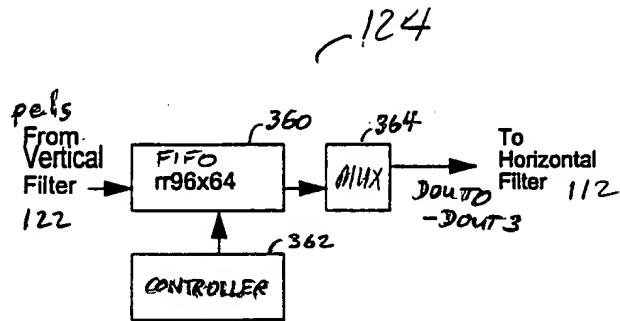


FIG. 15

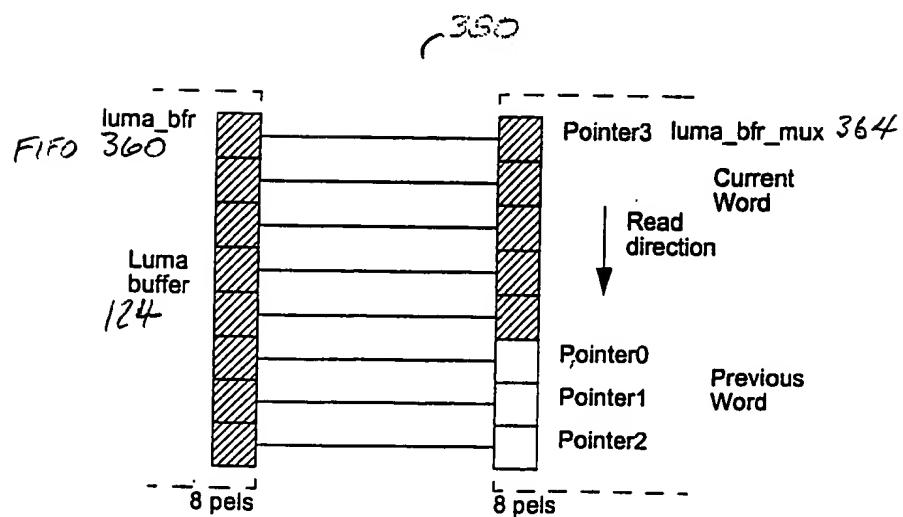


FIG. 16

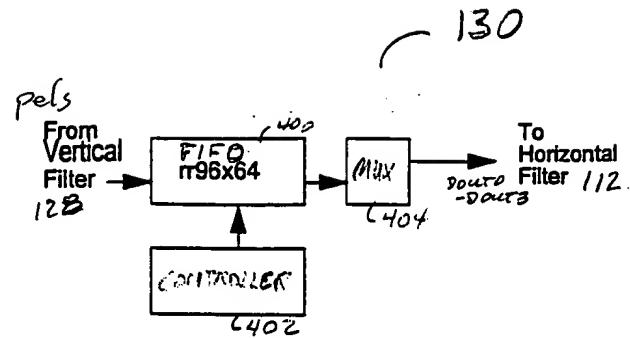


FIG. 17

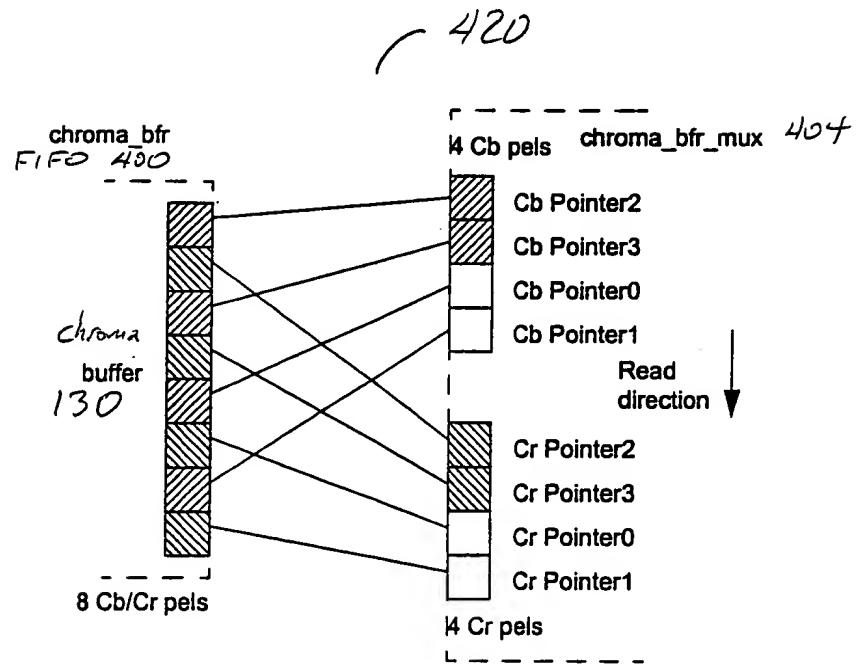


FIG. 18

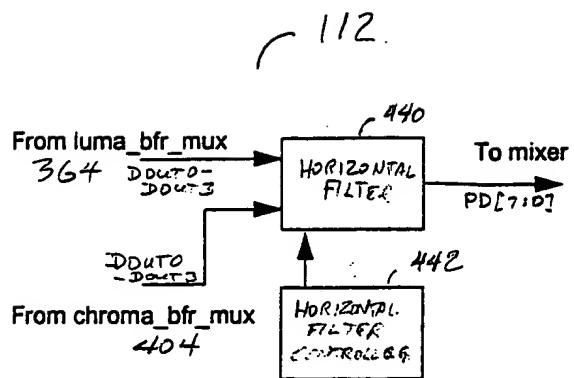


FIG. 19

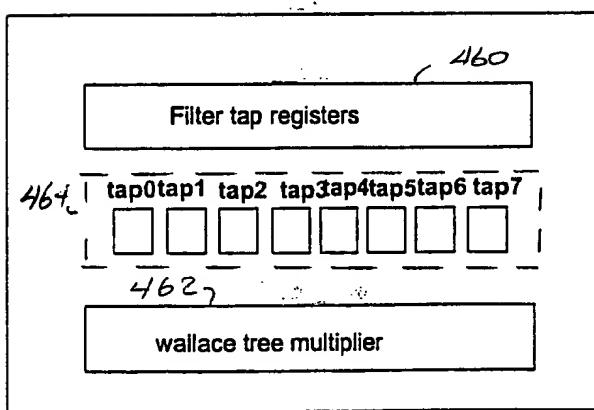


FIG. 20

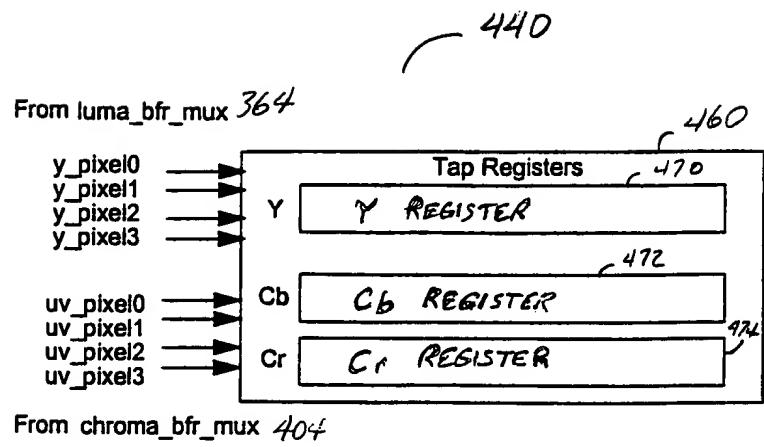


FIG. 21

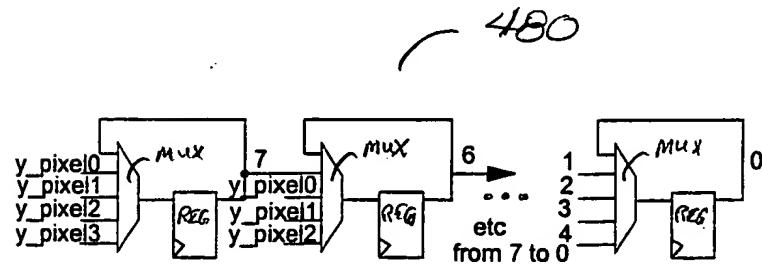


FIG. 22

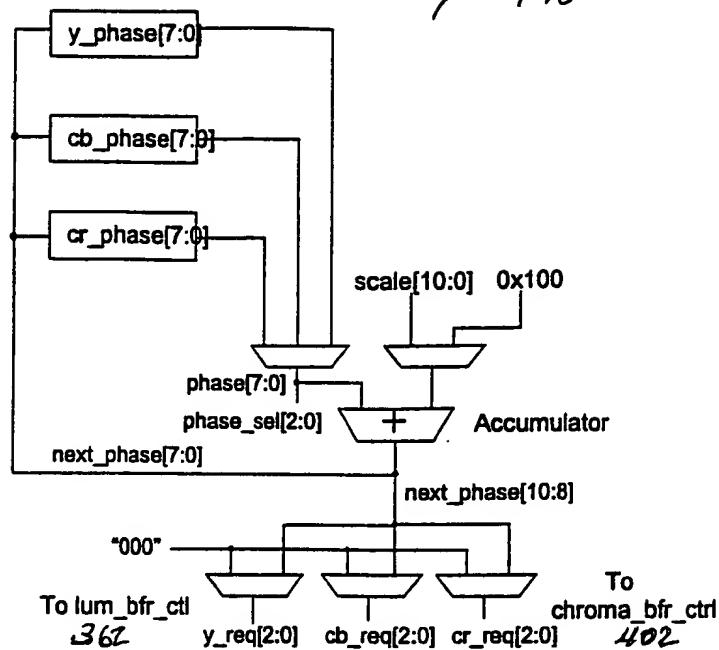


FIG. 23

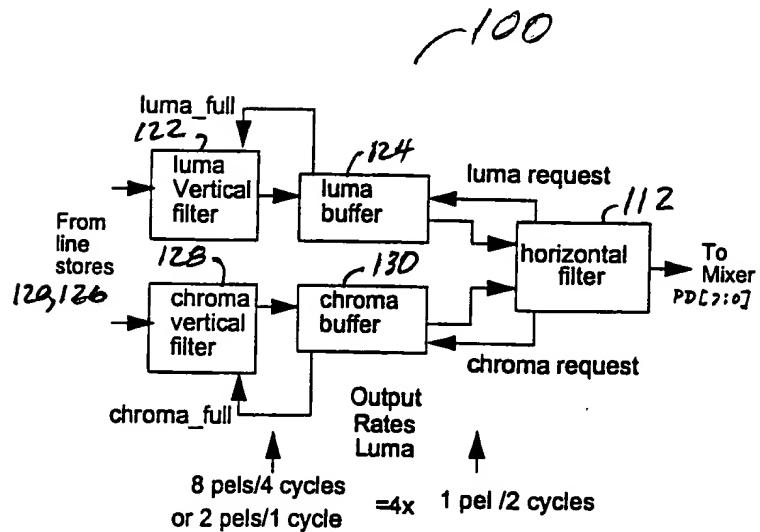


FIG. 24

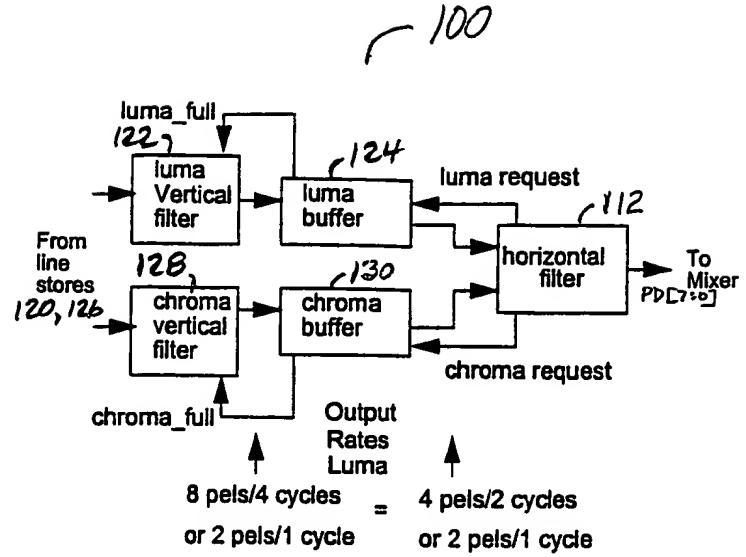


FIG. 25

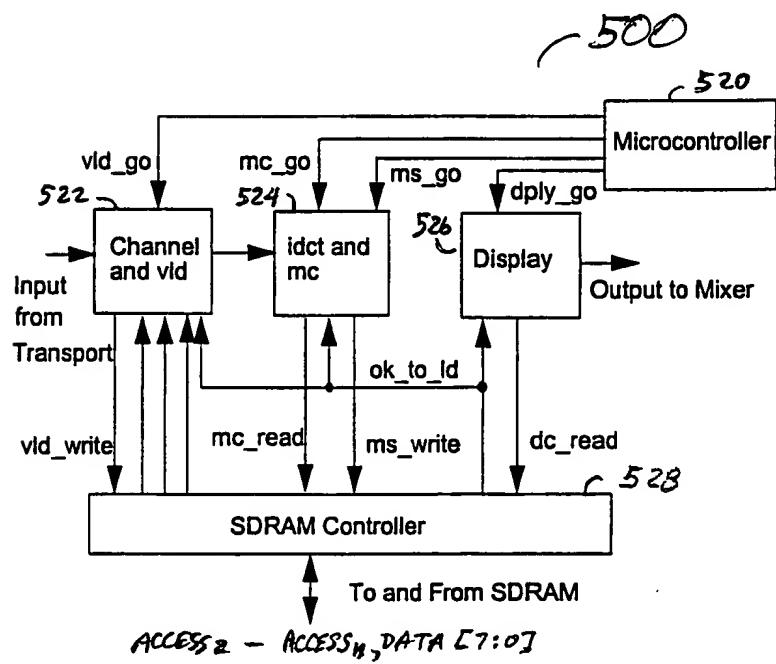


FIG. 26

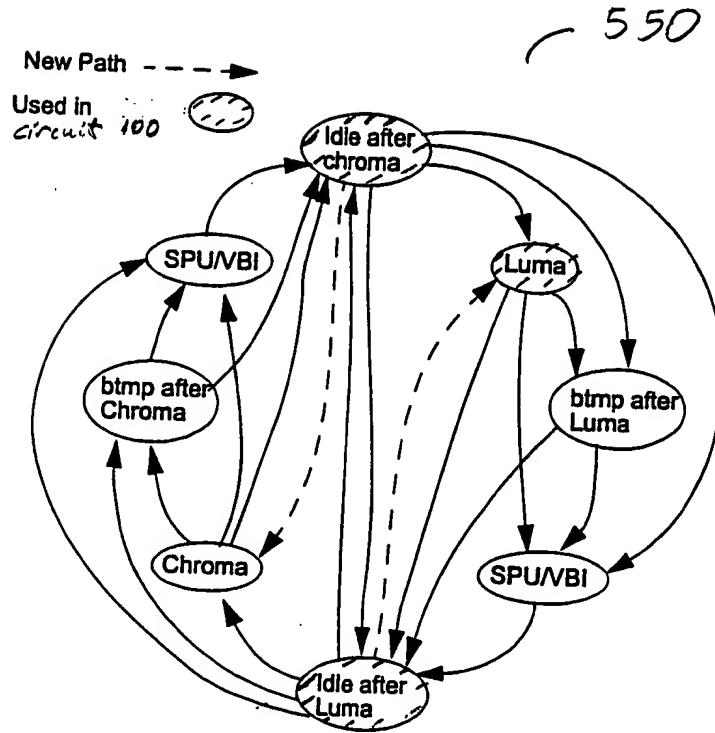


FIG. 27

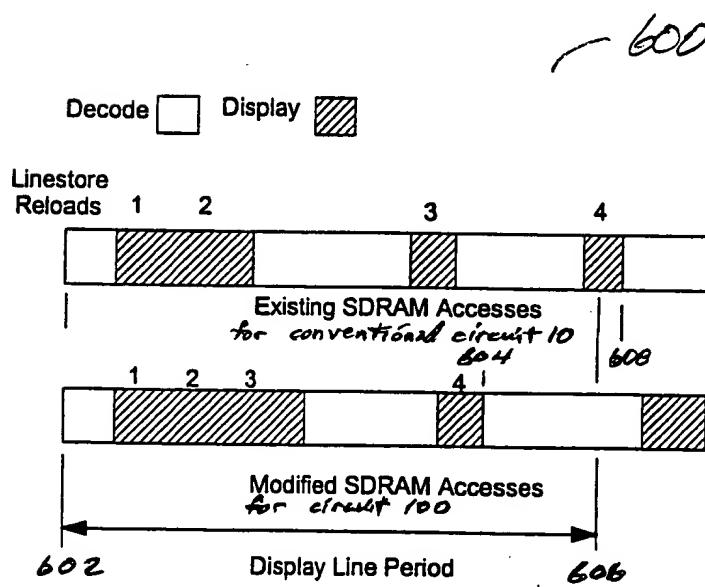


FIG. 28

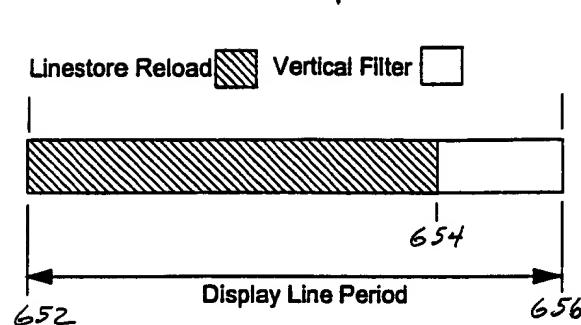


FIG. 29

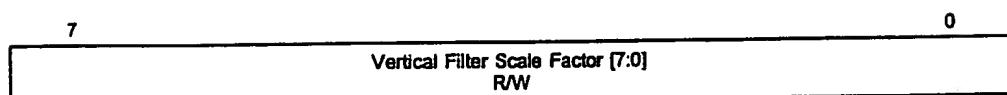


FIG. 30a



FIG. 30b

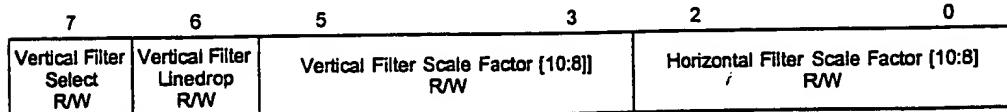


FIG. 31

720

7	Vertical Filter Top Field Phase Origin [7:0] R/W	0
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FIG. 32a

730

7	Vertical Filter Bottom Field Scale Factor Origin [7:0] R/W	0
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FIG. 32b